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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Douglas P. Brown et al.

§ Group Art Unit: 2171

Serial No.: 09/977,038

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Examiner:

Filed: October 12, 2001

§

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For: Index Selection in a Database System

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Atty. Dkt. No.: 10150 (NCR.0063US)

§

Box Missing Parts
Commissioner for Patents
Washington DC 20231

**RESPONSE TO "NOTICE OF INCOMPLETE
REPLY (NONPROVISIONAL)"**

Dear Sir:

Two separate Responses to Notice to File Missing Parts were filed with the U.S. Patent Office in this case. On January 8, 2002 the Declaration with Power of Attorney executed by Manjula Koppuravuri was filed, and on January 23, 2002, formal drawings were submitted, both in response to the Notice to File Missing Parts. Copies of the Responses, along with stamped postcards indicating receipt by the U.S. Patent Office, are submitted herewith.

The missing declaration with Manjula Koppuravuri's signature was submitted on January 8, 2002, well within the two-month deadline of the original Notice. The formal drawings were submitted on January 23, 2002, with the appropriate authorization to charge the deposit account for the one-month extension of time fee.

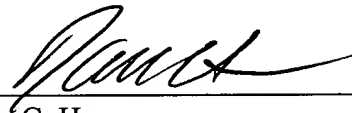
Therefore, all items requested by the Notice of Missing Parts mailed on November 21, 2001 have been submitted in this case.

It is respectfully requested that the Notice of Incomplete Reply dated March 18, 2002 be withdrawn. Please apply any charges and/or credits to Deposit Account 50-1673 (10150). A duplicate of this paper is attached.

Date of Deposit: April 1, 2002
I hereby certify under 37 CFR 1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated above and is addressed to the Commissioner for Patents, Washington DC 20231.
Dawn L. Thomas
Dawn L. Thomas

Respectfully submitted,

Date: Apr. 1, 2012



Dan C. Hu
Registration No. 40,025
TROP, PRUNER & HU, P.C.
8554 Katy Freeway, Suite 100
Houston, Texas 77024
(713) 468-8880 [Phone]
(713) 468-8883 [Fax]

RECEIVED
MAR 27 2002
Page 1 of 2

UNITED STATES PATENT AND TRADEMARK OFFICE

Trop, Pruner, & Hu, P.C.

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20503
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/977,038	10/12/2001	Douglas P. Brown	10150 (NCRC-0063-US)

John D. Cowart
NCR Corporation
Law Department IP WHQ-4W
1700 S. Patterson Blvd.
Dayton, OH 45479

DOCKET INFORMATION

Base Rate: 11-21-02Due Date: 4-21-02 (3 mo. ext.)Action: Response to Missing Parts & Corrected Drawings Due

CONFIRMATION NO. 3717

FORMALITIES LETTER



0000000007682451

☒ Docket
☐ Pat. App☐ Excel
☐ Abst. Title Pg☒ Access
☐ Draw. 11/11

Date Mailed: 03/18/2002



NOTICE OF INCOMPLETE REPLY (NONPROVISIONAL)

Filing Date Granted

The U.S. Patent and Trademark Office has received your reply on 02/13/2002 to the Notice to File Missing Parts (Notice) mailed 11/21/2001 and it has been entered into the nonprovisional application. The reply, however, does not include the following items required in the Notice.

The period of reply remains as set forth in the Notice. You may, however, obtain EXTENSIONS OF TIME under the provisions of 37 CFR 1.136 (a) accompanied by the appropriate fee (37 CFR 1.17(a)).

A complete reply must be timely filed to prevent ABANDONMENT of the above-identified application.

The required items noted below SHOULD be filed along with any items required above. The filing date of this nonprovisional application will be the date of receipt of the items required above.

- The signature of the following inventor(s) is missing from the oath or declaration:
Manjula Koppuravuni

The application is informal since it does not comply with the regulations for the reason(s) indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Substitute drawings in compliance with 37 CFR 1.84 because:
 - drawing sheets do not have the appropriate margin(s) (see 37 CFR 1.84(g)). Each sheet must include a top margin of at least 2.5 cm. (1 inch), a left side margin of at least 2.5 cm. (1 inch), a right side margin of at least 1.5 cm. (5/8 inch), and a bottom margin of at least 1.0 cm. (3/8 inch);

*A copy of this notice **MUST** be returned with the reply.*

3-27-2002 5:49PM

FROM TERADATA DIV OF NCR 937 445 4792

P. 3

Page 2 of 2

K. Lee

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART I - ATTORNEY/APPLICANT COPY



RECEIVED IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

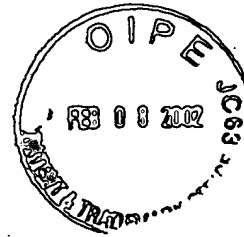
Attorney Docket No.: NRC.0063US (10150)
Date: January 8, 2002

DCH/lo

The Patent and Trademark Office date stamp sets forth the receipt date of the following documents in the below referenced patent application identified as follows:

Applicant(s): DOUGLAS P. BROWN, JEETENDRA CHAWARE AND MANJULA KOPPURAVURI
Serial No.: 09/977,038
Filing Date: October 12, 2001
Title: INDEX SELECTION IN A DATABASE SYSTEM

1. Response To Notice To File Missing Parts (In Duplicate) (no check);
2. Copy Of Notice To File Missing Parts;
3. Declaration (Signed By Koppuravuri);
4. Assignment (Signed By Koppuravuri);
5. Assignment Recordation Form Coversheet (In Duplicate) (no check); and
6. Postcard.



**Response To Notice To File Missing Parts Of Application
Filing Date Granted (PTO-1533)(Large Entity)**

**Docket No.
10150 (NRC0063US)**

In Re Application Of: **Douglas P. Brown, Jeetendra Chaware and Manjula Koppuravuri**

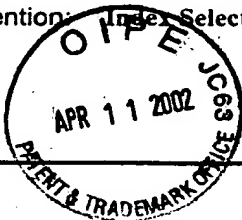
**Serial No.
09/977,038**

**Filing Date
October 12, 2001**

Examiner

**Group Art Unit
2171**

Invention: **Index Selection in a Database System**



TO THE ASSISTANT COMMISSIONER FOR PATENTS:

Box Missing Parts

This is a response to the Notice to File Missing Parts of Application - Filing Date Granted (PTO-1533) mailed on November 21, 2001.
Date

Enclosed herewith for filing are the following:

- ☒ A copy of the Notice to File Missing Parts of Application - Filing Date Granted (PTO-1533). **(REQUIRED)**
- ☒ An oath or declaration in compliance with 37 CFR 1.63, including residence information and identifying the application by the above Application Number and Filing Date.
- ☐ A properly signed oath or declaration in compliance with 37 CFR 1.63, identifying the application by the above Application Number and Filing Date.
- ☐ An oath or declaration in compliance with 37 CFR 1.63 listing the names of all inventors and signed by the omitted inventor(s), identifying this application by the above Application Number and Filing Date.
- ☐ A verified English translation of the non-English language application papers as originally filed. It is requested that this translation be used as the copy for examination purposes in the United States Patent and Trademark Office.
- ☒ Other (list):

**Assignment
Recordation Form Coversheet**

**Response To Notice To File Missing Parts Of Application
Filing Date Granted (PTO-1533)(Large Entity)**

Docket No.
10150 (NRC0063US)

In Re Application Of: **Douglas P. Brown, Jeetendra Chaware and Manjula Koppuravuri**

Serial No.
09/977,038

Filing Date
October 12, 2001

Examiner

Group Art Unit
2171

Invention: **Index Selection in a Database System**

TO THE ASSISTANT COMMISSIONER FOR PATENTS:

Box Missing Parts

☒ Completion of application fees as calculated below:

☐ Utility application filing fee _____

☐ Design application filing fee _____

☐ Total number of independent claims = _____

☐ Total number of claims = _____

☐ Multiple dependent claims _____

☒ Surcharge for late payment of filing fee and/or late filing of original declaration or oath **\$130.00**

☐ Petition and fee for filing by other than all the inventors or a person not the inventor _____

☐ Fee for processing an application filed with a non-English language specification _____

☐ Fee for processing and retention of application _____

Total completion of application fees **\$130.00**

This is a request under the provisions of 37 CFR 1.136(a) to extend the period for filing a response to the above-identified Notice to File Missing Parts of Application. The requested extension is as follows (check time period desired). If an additional time extension is required, please consider this a petition therefor.

☐ One month ☐ Two months ☐ Three months ☐ Four months ☐ Five months

from: _____ until: _____
Date Date

Total time extension fees _____

Total fees due **\$130.00**

**Response To Notice To File Missing Parts Of Application
Filing Date Granted (PTO-1533) (Large Entity)**

Docket No.
10150 (NRC0063US)

In Re Application Of: **Douglas P. Brown, Jeetendra Chaware and Manjula Koppuravuri**

Serial No.
09/977,038

Filing Date
October 12, 2001

Examiner

Group Art Unit
2171

Invention: **Index Selection in a Database System**

TO THE ASSISTANT COMMISSIONER FOR PATENTS:

Box Missing Parts

The fee of **\$130.00** is to be paid as follows:

- ☐ A check in the amount of the fee is enclosed.
- ☒ The Commissioner is hereby authorized to charge any fees which may be required, or credit any overpayment, to Deposit Account No. **50-1673 (10150)**
A duplicate copy of this sheet is enclosed.
- ☐ If an additional extension of time is required, please consider this a petition therefor and charge any additional fees which may be required to Deposit Account No.
A duplicate copy of this sheet is enclosed.



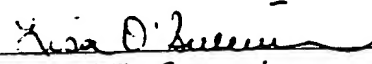
Signature

Dated: **January 8, 2002**

Dan C. Hu
Reg. No. 40,025
Trop, Pruner & Hu, P.C.
8554 Katy Freeway, Suite 100
Houston, TX 77024
(713) 468-8880 [Phone]
(713) 468-8883 [Fax]

CC:

I certify that this document and fee is being deposited on **Jan. 8, 2002** with the U.S. Postal Service as first class mail under 37 C.F.R. 1.8 and is addressed to the Assistant Commissioner for Patents, Washington, D.C. 20231.


Signature of Person Mailing Correspondence

Lisa O'Sullivan

Typed or Printed Name of Person Mailing Correspondence



UNITED STATES PATENT AND TRADEMARK OFFICE

COMMISSIONER FOR PATENTS
UNITED STATES PATENT AND TRADEMARK OFFICE
WASHINGTON, D.C. 20231
www.uspto.gov

APPLICATION NUMBER	FILING/RECEIPT DATE	FIRST NAMED APPLICANT	ATTORNEY DOCKET NUMBER
09/977,038	10/12/2001	Douglas P. Brown	10150 (NCRC-0063-US)

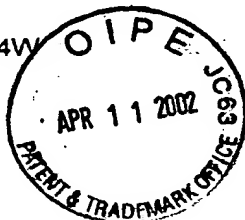
CONFIRMATION NO. 3717

FORMALITIES LETTER



OC000000007103545

John D. Cowart
NCR Corporation
Law Department IP WHQ-4W
1700 S. Patterson Blvd.
Dayton, OH 45479



RECEIVED
NOV 27 2001
LAW DEPARTMENT

Date Mailed: 11/21/2001

NOTICE TO FILE MISSING PARTS OF NONPROVISIONAL APPLICATION

FILED UNDER 37 CFR 1.53(b)

Filing Date Granted

An application number and filing date have been accorded to this application. The item(s) indicated below, however, are missing. Applicant is given **TWO MONTHS** from the date of this Notice within which to file all required items and pay any fees required below to avoid abandonment. Extensions of time may be obtained by filing a petition accompanied by the extension fee under the provisions of 37 CFR 1.136(a).

- The signature of the following inventor(s) is missing from the oath or declaration:
Manjula Koppuravuri
- To avoid abandonment, a late filing fee or oath or declaration surcharge as set forth in 37 CFR 1.16(l) of \$130 for a non-small entity, must be submitted with the missing items identified in this letter.
- The balance due by applicant is \$ 130.

The application is informal since it does not comply with the regulations for the reason(s) indicated below.

The required item(s) identified below must be timely submitted to avoid abandonment:

- Substitute drawings in compliance with 37 CFR 1.84 because:
 - drawing sheets do not have the appropriate margin(s) (see 37 CFR 1.84(g)). Each sheet must include a top margin of at least 2.5 cm. (1 inch), a left side margin of at least 2.5 cm. (1 inch), a right side margin of at least 1.5 cm. (5/8 inch), and a bottom margin of at least 1.0 cm. (3/8 inch);

*A copy of this notice **MUST** be returned with the reply.*

48

Customer Service Center

Initial Patent Examination Division (703) 308-1202

PART 2 - COPY TO BE RETURNED WITH RESPONSE



RECEIVED IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Attorney Docket No.: 10150 (NCRC-0063-US)
Date: January 23, 2002

DCH/dlt

The Patent and Trademark Office date stamp sets forth the receipt date (or both the receive date and the serial no.) of a patent application identified as follows:

Applicant(s): DOUGLAS P. BROWN et al.
Serial No.: 09/977,038
Filing Date: October 12, 2001
Title: Index Selection in a Database System



1. Response to Notice to File Missing Parts of Nonprovisional Application in duplicate
2. Copy of Notice to File Missing Parts of Nonprovisional Application
3. Petition for Extension of Time
4. 44 Sheets of Formal Drawings, Figs. 1-47
5. Postcard



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant: Douglas P. Brown et al.

§ Group Art Unit: 2171

Serial No.: 09/977,038

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Examiner:

Filed: October 12, 2001

§

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For: Index Selection in a Database System

§

Atty. Dkt. No.: 10150 (NCRC-0063-US)

§

Box Missing Parts
Commissioner for Patents
Washington DC 20231

**RESPONSE TO "NOTICE TO FILE MISSING PARTS OF
NONPROVISIONAL APPLICATION"**

Dear Sir:

A copy of the "Notice to File Missing Parts of Nonprovisional Application" mailed for this application on November 21, 2001, is attached.

In response to the requirements of the Notice, applicant submits herewith 44 sheets of drawings. Please apply any charges or credits to Deposit Account 50-1673 (10150). A duplicate of this paper is attached.

Respectfully submitted,

Date: _____

1-23-02

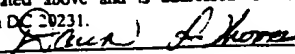


Dan C. Hu

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Houston, Texas 77024
(713) 468-8880 [Phone]
(713) 468-8883 [Fax]

Date of Deposit: 1-23-02

I hereby certify under 37 CFR 1.8(a) that this correspondence is being deposited with the United States Postal Service as first class mail with sufficient postage on the date indicated above and is addressed to the Commissioner for Patents, Washington DC 20231.



Dawn L. Thomas